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JPRS 21003

EE-BULGARIA
ECON
SEP 63

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JPRS 21356

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ECON
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JPRS 24713

EEur - Bulgaria
ECON
Jun 64

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May 64

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Oct 57

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Nov 99

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May 59

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(DC-6110)

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*JPRS 8748

EEur - Czechoslovakia
Econ - Manufacturing, Machinery
Jun 61

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(DC-4651)

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JPRS 6378

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(Metallurgy, TT, v. 11, no. 12)

TT-64-14058

I. Krejny, V.
II. Pejchal, F.
III. Title: Spraying...

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ATIC MCL 573

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May 61

IC-4038-M

152,864

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JPRS 2886

EEur - Germany

Econ - Manufacturing

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JPRS 3391
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EEur - Czechoslovakia

Econ - Manufacturing

Jun 60

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FTD-TT-62-1779

Sci-Phys
Apr 63

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JPRS 6004

EEur - Czech
Econ
Oct 60

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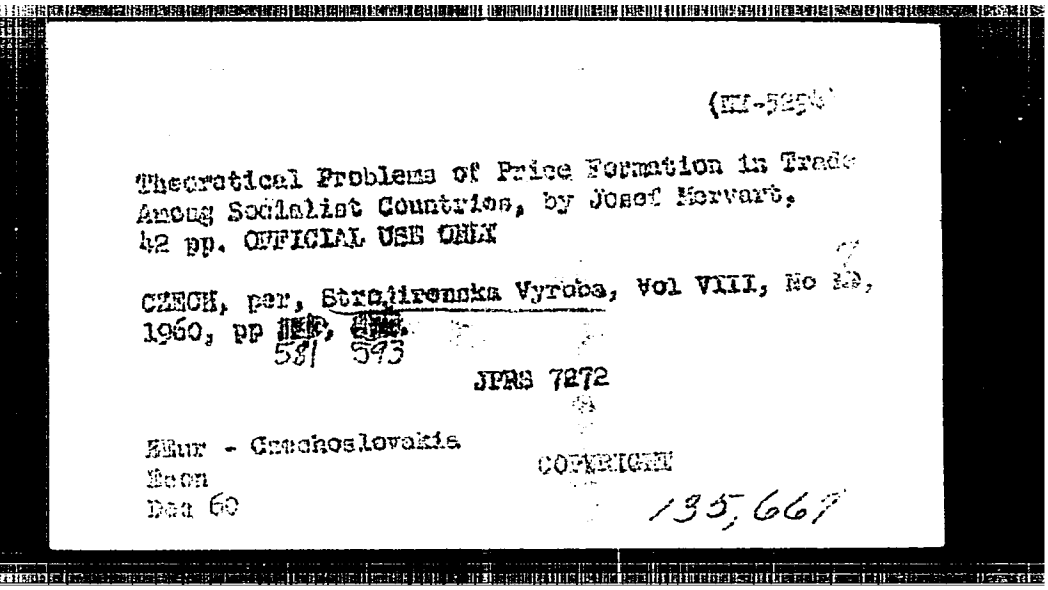

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JPRS 7272

Khur - Czechoslovakia
Econ
Dec 60

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JPRS 5973

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(NY-5113)

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JPRS 7186

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EEur - Soviet Bloc

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JPRS 7633

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Feb 61

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JPRS 7272

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JPRS 10851.

EEur - Czechoslovakia
Econ
Nov 61

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(DC-5965/5)

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JPRS 10451.

EMur - Czechoslovakia
Econ
Ind 61

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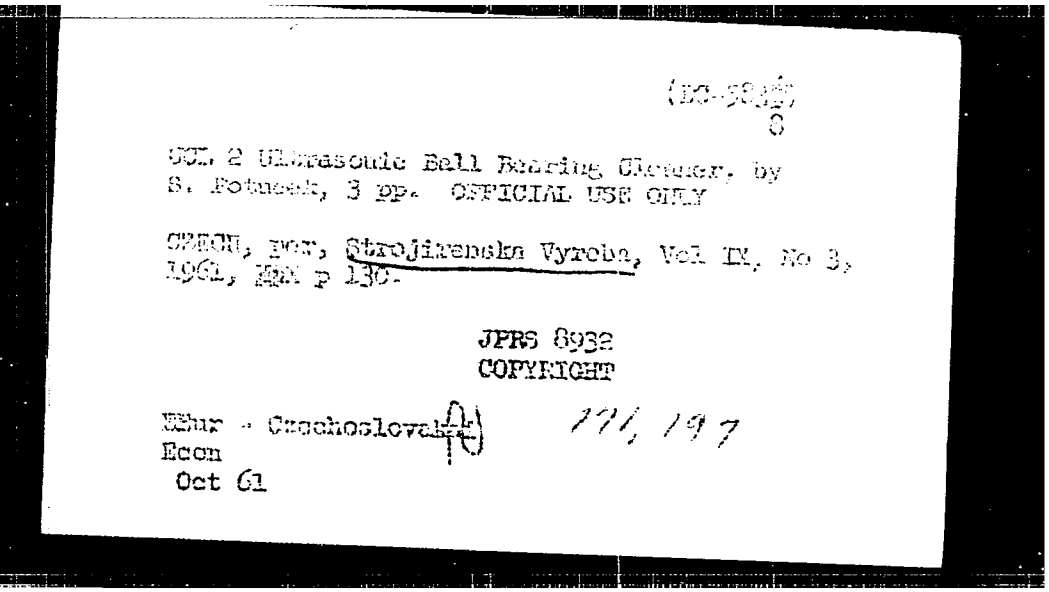

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JPRS 6932
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Oct 61

171, 197

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(DC-5965)

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JPRS 10619

Eur - Hungary
Econ
Nov 61

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Bekjarov, E.
HOT MACHINING. 23 Jan 62, 4p. AID rept. 62-10.
Order from OTS or SLA $1.10 62-19118

Abstract trans. of Strojirenska Vyroba (Czechoslovakia) 1961, v. 9, no. 11, p. 552-556.

DESCRIPTORS: *Machining, Cutting tools, Metals, Heating, Electric currents, Industrial equipment.

The current enters directly into the workpiece from a special terminal. Under the combined action of electric current and heat generated during cutting, a thin layer of metal is heated to 950-1100° C. This facilitates cutting, reduces friction, and as a result, decreases cutting force and eliminates chatter. The difference between the hardness of the tool tip and that of the material being machined increases with the current input so that at 800°C this difference is approximately double that which exists at room temperature. (Machinery--Manufacturing, TT, v. 7, no. 11) (over)

62-19118

I. Bekjarov, E.
II. AID-62-10
III. Air Information Div., Washington, D. C.
IV. AD-271 546

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(DC-5965)

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CZECH, per, Strojirenska Vyroba, Vol IX, No 11, 1961, pp 560-562.

JPRS 12329

EEur - Czechoslovakia
Econ
Feb 62

184,510

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(DC-5965)

Forming Machines at the Third International Fair at Brno, by R. Rysek, V. Pasek, K. Rebenda, 17 pp. OFFICIAL USE ONLY

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JPRS 12329

EEur - Czechoslovakia
Econ
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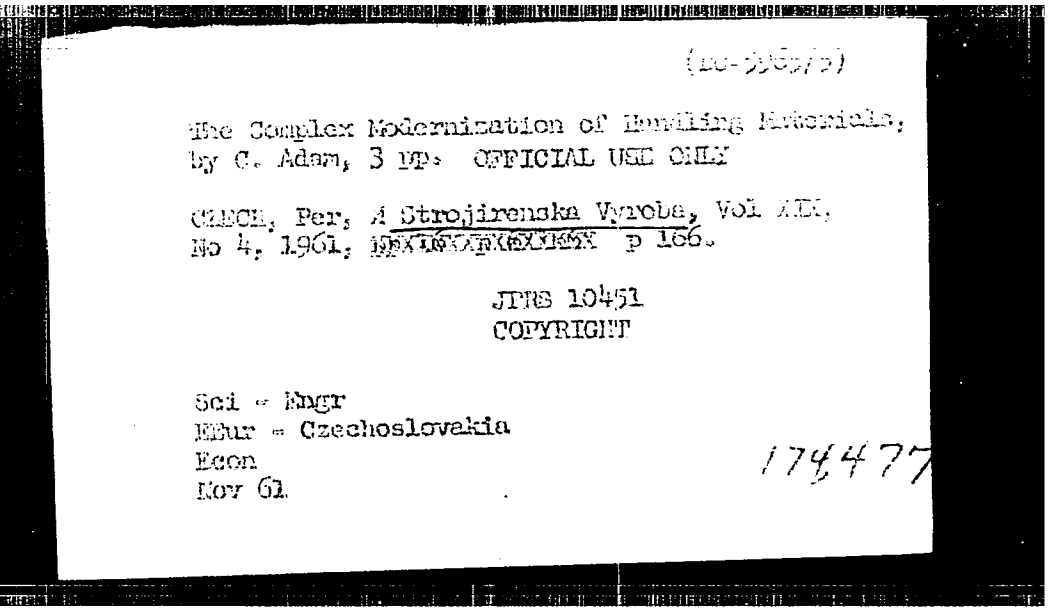

(20-5563/5)

The Complex Modernization of Handling Materials, by C. Adam, 3 pp. OFFICIAL USE ONLY

CZECH, Per; Strojirenska Vyrobe, Vol XIX, No 4, 1961, p 166.

JPRS 10451
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Sci - Engr
Ethr - Czechoslovakia
Econ
Nov 61

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(DC-5965)

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CZECH, Strojirenska Vyroba, Vol X, No 1, 1962, pp 9-12.

JPRS 12699

EE - Czech
Econ
Mar 62

183,510

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(DC-5965)

THE DEVELOPMENT OF MATERIALS HANDLING IN MACHINEBUILDING IN 1961, BY JAN VRABLIK, 11 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, VOL X, NO 4, 1962, PP 195-200.

JPRS 13904

EEUR - CZECH
ECON - OVER-ALL
SCI - ENGR 197,420

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(DC-5965)

PRODUCTION OF INGOT MOLDS BY PRECISION SHAPE CASTING, BY MIROSLAV HOJGR, 10 PP.
GOVERNMENT USE ONLY

CZECH, PER, STROJIREMSKA VYROBA, NO 5, XX 1962, PP 237-240, 244.

JPRS 14097

EEUR - CZECH
ECON 199,169
SCI - ENGR XXXXXX

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(NY-2400)

MEETING ON THE TECHNOLOGY OF HEAT TREATMENT, 3 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, VOL X, NO 6, 1962, P 284.

JPRS 15055

XEROX
K SCI - ENGR
SEP 62

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Bearings From Plastic Materials by Frantisek Rybar, V. I. Lenina, 14 pp. GOVERNMENT USE ONLY

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JPRS 15617

EEur - Czechoslovakia
Econ
Oct 62

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Plant in Vsetin, 5 pp. GOVERNMENT USE ONLY

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No 8, 1962, p 402.

JPRS 15617

EEur - Czechoslovakia
Econ
Oct 62

OTS 15,618

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MACHINERY AND INSTRUMENT SEALING IN THE CHEMICAL AND FOOD INDUSTRIES, BY JIRI ROZKYDALEK, KAREL SUBA, 6 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, NO 9, 1962, PP 459-462.

JPRS 16034

EEUR - CZECH

ECON.
NOV 62

216,615

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REMARKS ON TECHNOLOGY OF POWDER METALLURGY,
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1962, PP 615-616.

JPRS 17538

EEUR - CZECH
ECON.
FEB 63

222,306

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ECONOMICAL USE OF THE VUS-250 WELDING PRESS IN THE ENTERPRISES, 5 PP.
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CZECH, PER, STROJIRENSKA VYROBA, VOL X, NO 12, 1962, PP 622-623.

JPRS 17538

EEUR - CZECH
ECON
FEB 63

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METAL-FORMING BY EXPLOSION METHOD AT KUNOVICE MACHINE PLANTS, BY JAROSLAV SLAVIK, FRANTISEK CAPKA, 9 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VVROBA, VOL 11, NO 1, JAND 1963, PP 6-9.

JPRS 17918

SCI-M/M
MAR 63

224,191

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CLASSIFICATION OF MACHINED PARTS, BY
VLASTIMIL RUZICKA, 9 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, VOL 11, NO 1,
JAN 1963, PP 13-16.

JPRS 17918

SCI-ENGR
MAR 63

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DEVELOPMENT OF PRODUCTION AT ZPS GOTTWALDOV ENTERPRISE, BY FRANTISEK VENTRCA, 8 PP.
GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, NO 3, 1963, PP 109-113.

JPRS GUO: 073

EEUR - CZECHOSLOVAKIA
ECON
APR 63

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RESEARCH ON MILLING MACHINES, BY VACLAV DANEK, KAREL TEPLY, 13 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, VOL XI, NO 5, 1963, PP 222-232.

JPRS GUO: 132

EEUR - CZECH
ECON
JUL 63

235,258

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AUTOMATED PRODUCTION OF GEARS, BY VACLAV KLEPAL, ERICH SINDLER, 6 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, VOL XI, NO 5, 1963, PP 233-236.

JPRS GUO: 132

EEUR - CZECH
ECON
JUL 63

235,259

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MODERNIZATION OF MACHINE TOOLS, BY VLADIMIR STASTA, 6 PP. GOVERNMENT USE ONLY

CZECH, PER, STROJIRENSKA VYROBA, VOL XI, NO 5, 1963, PP 243-245.

JPRS GUO: 132

EEUR - CZECH
ECON
JUL 63

235,260

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Advanced Technology in Production of Single-Item Parts, by Eduard Bartos, 8 pp. GOVERNMENT USE ONLY CZECY, per, Strojirenska Vyroba, Vol XXII, No 10, 1963, pp 486-492. (Table of Contents)

J PRS GUO 205

EE-Czechoslovakia
Econ
Feb 64 249, 468

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The State of Development of Carbide Tipped Tools in the Czechoslovak Socialist Republic, by Karel Pechaty, 7 pp. GOVERNMENT USE ONLY CZECH, per, Strojirenska Vyroba, Vol XII, No 3, 1964, pp 162-167.
JPRS GUO: 288

EE-Czechos
Econ
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Production of Battery Powered Electric Carts in the Bulgarian Peoples Republic, by Izak Jakov, 5 pp. CZECH, per, Strojirenska Vyroba, Vol XII, No 3, 1964, pp206-210.
ACSI I-5418
ID 2204034864

EEur - Czechoslovakia
Econ
Nov 64

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Czechoslovakian Silicon Rubber, by Zkenek Faix, Karel Svehla, 5 pp. GOVERNMENT USE ONLY
CZECH, per, Strojirenska Vyroba, Vol XII, No 6, 1964, pp 426, 427.
JPRS GUO: 377

EEur - Czechoslovakia
Econ
Sep 64

267,120

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Unified System of Measures in Czechoslovakia,
by Vaclav Sindelar, 8 pp. GOVERNMENT USE ONLY
CZECH, per, Strojirenska Vyroba, No 7, 1964,
pp 512-514.
JPRS GUO: 440

EE-Czech
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Lubrication of Bearings From Porous Metal
by Z. Ministr, 13 pp.
CZECH, per, Strojirenska Vyrobn, Vol XII,
No 10, 1964, pp 725-730. P100063467
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Sci-Materials
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CZECH, per, Strojirenska Vyroba, No 12, 1964, pp 881-885.
ACSI I-7793
ID 2204035765

Sci - Eng
Jan 66 294,238

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Statistical Sampling Inspection Procedures, by V. Horalek, 17 pp.

CZECH, per, Strojirenstvi, Vol IV, 1954, pp 849-853.

AEC Tr-4538

Sci
Aug 61

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(A) The Possibilities of Economical Metal Forming, by Z. Kejval; (b) Developments in Forging Press Designs, by A. Mojzis, (AF 639961). UNCLASSIFIED

CZECH, per, ~~Mechanical Engineering~~, Vol IV, No 4, 1954, pp 285-291; 306-310.

CIA D-33435/

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Scientific - Engineering Jun 55 CTS/DEX

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CIA/FDD/U-6551

EEur - Czechoslovakia
Econ - Industry

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Oct 54 CTS

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Sci - Engr
21 Jun 61

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(FDD 26139)

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CZECH, mo per Strojirenstvi, Vol V., No 1, Prague, Jan 1955, pp 65-67

Dec 55 CTS CIA/FDD/U-7656

EEur - Czechoslovakia 30,472
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The Analysis of Accuracy of Sorting of Parts, by V. Klega, 8 pp.

CZECH, per, Strojirenstvi, Vol V, 1955, pp 219-221.
9080945

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AEC: Tr-4541

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Rubber in Hydraulics, by L. Kopec, 2 pp. (

CZECH, per, Strojirenstvi, Vol V, No 4, Dec 1955, pp 301-305. CIA 605391.

ATIC F-TS-3989/I

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CZECH, per, Strojirenstvi, Vol VI, No 3, 1956, pp 180-184.

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Sol - Min/Met
May 59

83,805

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Resistance of Power Plant Equipment to Steam Erosion, by K. Lobl, F. Cerny.

CZECH, per, Strojirenstvi, Vol VI, No 10, 1956, pp& 689-693.

NLL M 8893

Sci - Engr
Feb 63

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Friction Welding, by J. Mandmus, J. Voboril, 25 pp.

CZECH, per, Strojirenstvi, Vol VIX, No 9, 1957, pp 681-686.

JPRS DC-5263

EE - Czechoslovakia
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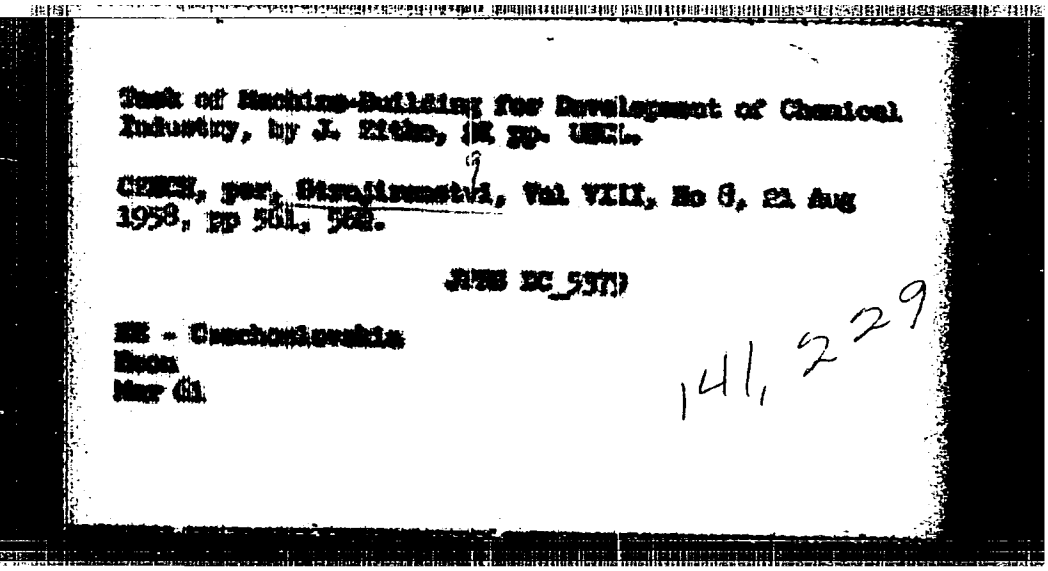

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[illegible] DC 5371

[illegible] - Czechoslovakia
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[illegible] 61

141, 229

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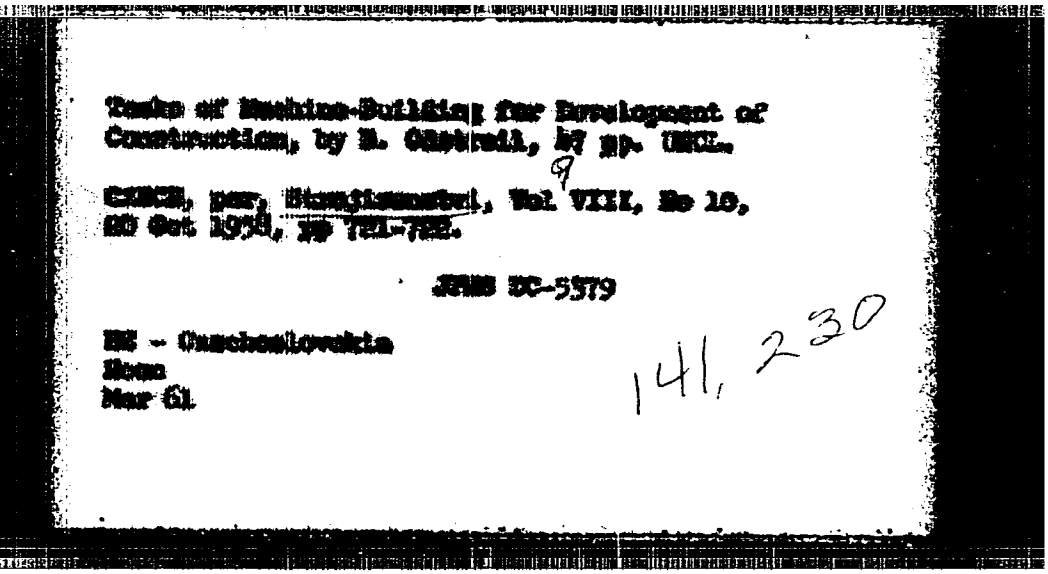

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[illegible] SC-5579

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ATS-95M41C

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No 3, 1959, pp 163.-169.

ATS-9303/C
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New Diesolelectric Locomotive for Czechoslovakia State Railway, by V. Hozman, 9 pp. UNCL

CZECH, per, Strojirenstvi, Vol IX, No 4, 1959, pp 303-308.

ACSI E-8789
ID 2163977

EEur - Czechoslovakia
Econ
May 61

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Safe Stresses for ~~Th~~ Rotor Buckets of Impulse Steam Turbines at Resonance During Nozzle Excitation, by J. Drahy, 18 pp.

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MDF D-150
9092677
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Creep In Plastic Materials, by J. Hugo.
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NLL Ref: 6075,461 (1947)

Sci-Phys
Mar 69 376,818

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Protective Atmospheres Saturated With Lithium Vapour, by B. Prenosil.

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BISI 3202

Sci - M/M
Aug 63

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FOR OFFICIAL USE ONLY
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JPRS 2723

EEur - Czechoslovakia
Econ - Manufacturing
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(NY-3344).

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ACSI, H-7901
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Sci - Electron

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(DC-4006)

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CZECH, per, Strojirenstvi, Vol X, No 3, 1960, pp 163-175; No 4, 1960, pp 255-260.

JPRS 6185

EEur - Czechoslovakia

Econ

Nov 60

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131,580

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(DC-4006)

Steam Turbine Development in V. I. Lenin Works, Pizen, by F. Hala, 14 pp. FOR OFFICIAL USE ONLY

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JPRS 6185

KEur - Czechoslovakia

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131, 5-81

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JPRS 5725

EEur-Czechoslovakia

Econ-Mining/Metallurgy

16 Jun 60

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CZECH, per, Strojirenstvi, Vol X, No 5, 1960, pp 374-377.

MDF K-257
9092833

173,814

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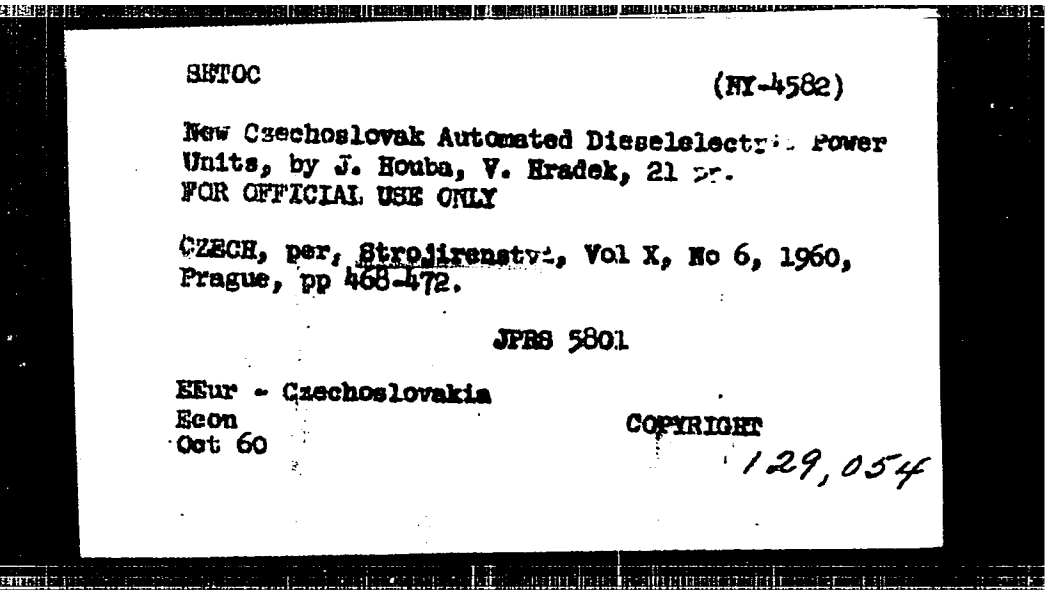

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New Czechoslovak Automated Diesselelectr:. Power Units, by J. Houba, V. Hradek, 21 pp.
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CZECH, per, Strojirenstv:, Vol X, No 6, 1960, Prague, pp 468-472.

JPRS 5801

EEur - Czechoslovakia
Econ
Oct 60

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Cooperation of Research Institute With Production Enterprises, by A. Bydzan. FOR OFFICIAL USE ONLY

CSSR, por, Strojirenstvi, Vol X, No 7, 1960, pp 491, 492.

JPRS MX-5939

EE - Czechoslovakia
Econ
Apr 61

144, 322

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(DC-4475)

Production of Chemical Industrial Machinery, by J. Zitko, 13 pp. FOR OFFICIAL USE ONLY

CZECH, per, Strojirenstvi, Vol X, No 7, 1960, pp 542-546.

JPRS 6349

EKur - Czechoslovakia

Econ

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A New Machine for Long-Term Creep Tests at Elevated Temperatures, by T. Pruka, R. Klecka.

CZECH, per, Strojirenstvi, Vol X, No 10, 1960, pp 778-781.

MT 169

Sci - Engr

Sep 61

168. 611

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Krejsa, L. and Pavel, A.
LIVE OR MOTIVE AXLES OF MOTOR-OPERATED RAIL VEHICLES. [1961] 35p.
Order from STT $18.00 STT-144-70

Trans. of Strojirenstvi (Czechoslovakia) 1960, v. 10, no. 11, p. 819-829.

DESCRIPTORS: *Vehicles, *Axle shafts, Railroad cars

(Machinery--Transport, TT, v. 7, no. 5)

62-12177

I. Krejsa, L.
II. Pavel, A.
III. STT-144-70
IV. SCIENTECH, Scientific and Technical Translations, Cleveland, Ohio

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Hoschl, C.
PRESS POWER BETWEEN TWO RUBBER LINED ROLLERS (CYLINDERS). [1961] 18p.
Order from STT $10.00 STT-145-288

Trans. of Strojirenstvi (Czechoslovakia) 1960, v. 10, no. 12, p. 901-906.

DESCRIPTORS: Cylinder liners, *Rubber, Rubber coatings, Power.

(Materials--Rubber, TT, v. 7, no. 5)

62-12195

I. Hoschl, C.
II. STT-145-288
III. SCIENTECH, Scientific and Technical Translations, Cleveland, Ohio

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Ricka, J.
GRINDING AT HIGH SPEEDS. [1961] 13p.
Order from STT $10.00 STT-175-290

Trans. of Strojirenstvi (Czechoslovakia) 1960, v. 10, no. 12, p. 920-924.

DESCRIPTORS: *Grinders, *Grinding wheels, Machine tools.

(Machinery--Machine Parts, TT, v. 7, no. 1)

61-25669

I. Ricka, J.
II. STT-175-290
III. SCIENTECH, Scientific and Technical Translations, Cleveland, Ohio

Office of Technical Services

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